

Plaslube® NY-1/SI/2 NATURAL

 Techmer Polymer Modifiers - *Polyamide 66*
General Information
General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Appearance	<ul style="list-style-type: none"> Natural Color
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	363000	psi	ASTM D638
Tensile Strength (Yield)	11100	psi	ASTM D638
Tensile Strength (Break)	8000	psi	ASTM D638
Tensile Elongation (Break)	33	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.90	ft-lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	510 to 540	°F
Middle Temperature	520 to 550	°F
Front Temperature	530 to 560	°F
Nozzle Temperature	540 to 570	°F
Processing (Melt) Temp	515 to 565	°F
Mold Temperature	125 to 200	°F
Injection Rate	Slow	
Back Pressure	25.0 to 75.0	psi
Screw Speed	Slow-Moderate	

Notes

¹ Typical properties: these are not to be construed as specifications.

